SPIRENT PLC Form 6-K April 10, 2006

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

FORM 6-K

REPORT OF FOREIGN PRIVATE ISSUER PURSUANT TO RULE 13a-16 OR 15d-16 UNDER THE SECURITIES EXCHANGE ACT OF 1934

For the month of April, 2006

SPIRENT plc

(Translation of registrant's name into English)

Spirent House, Crawley Business Quarter, Fleming Way, Crawley, West Sussex RH10 9QL, UK.

(Address of principal executive offices)

Indicate by check mark whether the registrant files or will file annual reports under cover Form 20-F or Form 40-F.

Form 20-F X Form 40-F.....

Indicate by check mark whether the registrant by furnishing the information contained in this Form is also thereby furnishing the information to the Commission pursuant to Rule 12g3-2(b) under the Securities Exchange Act of 1934.

Yes No X

If "Yes" is marked, indicate below the file number assigned to the registrant in connection with Rule 12g3-2(b): 82-

SCHEDULE 11

NOTIFICATION OF INTERESTS OF DIRECTORS AND CONNECTED PERSONS

1. Name of company

SPIRENT PLC

2. Name of director

ERIC HUTCHINSON

3. Please state whether notification indicates that it is in respect of holding of the shareholder named in 2 above or in respect of a non-beneficial interest or in the case of an individual holder if it is a holding of that person's spouse or children under the age of 18 or in respect of a non-beneficial interest
IN RESPECT OF THE DIRECTOR'S HOLDING
4. Name of the registered holder(s) and, if more than one holder, the number of shares held by each of them (if notified)
N/A
5. Please state whether notification relates to a person(s) connected with the director named in 2 above and identify the connected person(s)
N/A
6. Please state the nature of the transaction. For PEP transactions please indicate whether general/single co PEP and if discretionary/non discretionary
N/A
7. Number of shares / amount of stock acquired
N/A
8. Percentage of issued class
N/A
9. Number of shares/amount of stock disposed

10. Percentage of issued class $% \left\{ 1\right\} =\left\{ 1\right\} =\left\{$

N/A

N/A
11. Class of security
N/A
12. Price per share
N/A
13. Date of transaction
N/A
14. Date company informed
N/A
15. Total holding following this notification
N/A
16. Total percentage holding of issued class following this notification
N/A
If a director has been granted options by the company please complete the following boxes.
17. Date of grant
9 APRIL 2001
18. Period during which or date on which exercisable

9 APRIL 2004 to 8 APRIL 2011

19. Total amount paid (if any) for grant of the option

N/A

20. Description of shares or debentures involved: class, number

LAPSE OF 105,000 SHARE OPTIONS GRANTED UNDER THE SPIRENT EXECUTIVE SHARE OPTION SCHEME 1995

21. Exercise price (if fixed at time of grant) or indication that price is to be fixed at time of exercise

SHARE OPTION EXERCISE PRICE OF 305 PENCE PER SHARE

22. Total number of shares or debentures over which options held following this notification

3,986,733

23. Any additional information

VESTING OF THE 105,000 SHARE OPTIONS GRANTED TO MR HUTCHINSON ON 9 APRIL 2001 UNDER THE SPIRENT EXECUTIVE SHARE OPTION SCHEME 1995 WAS SUBJECT TO AN ENHANCED PERFORMANCE CONDITION (EPC). THE EPC WAS TESTED ON THE THIRD, FOURTH AND FIFTH ANNIVERSARY OF GRANT. AS THE EPC WAS NOT ATTAINED ON 9 APRIL 2006, BEING THE FIFTH ANNIVERSARY OF GRANT, THE 105,000 SHARE OPTIONS NOW LAPSE.

24. Name of contact and telephone number for queries

WARREN NASH

TEL: 01293 767676

25. Name and signature of authorised company official responsible for making this notification

WARREN NASH

Date of Notification

10 APRIL 2006	
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from the use of or inability to u	profits) arising in contract, tort or otherwise use this document, or any material contained in on taken as a result of using this document or
Signatures	
-	the Securities Exchange Act of 1934, the report to be signed on its behalf by the prized.
	LUKE THOMAS
	(Registrant)
Date 10 April, 2006	By/s/ Luke Thomas
	(Signature) *